

ACCESS COVERS








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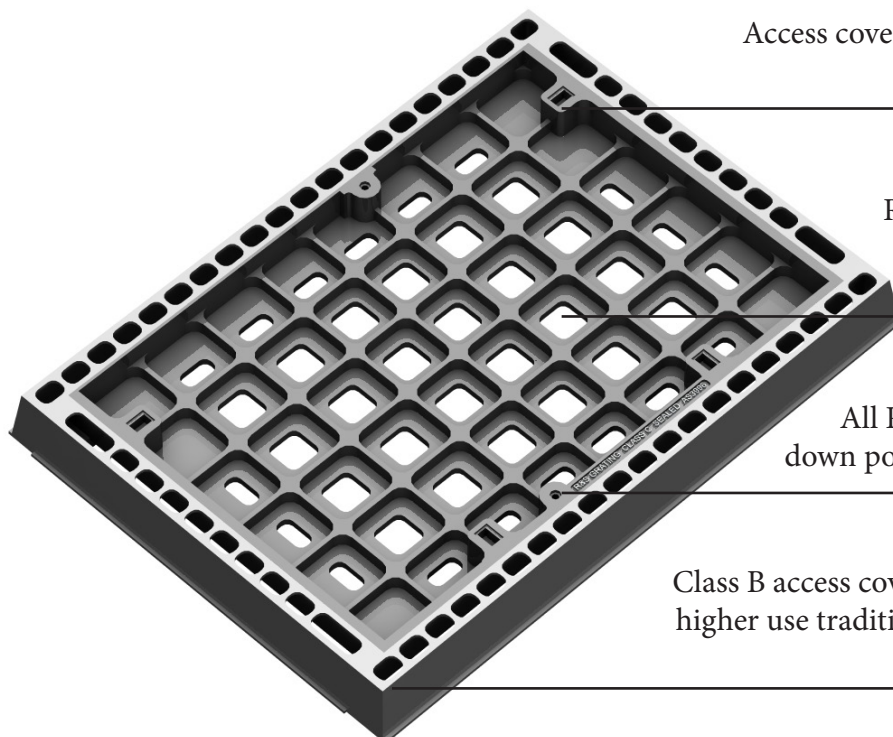
13 Healey Rd, Dandenong South, VIC 3175

AS3996 - LOAD CLASSIFICATIONS

R&S Grating manufacture to the Australian Standard AS3996 - Access Covers & Grates. All R&S Grating products are stamped with the class rating that they comply to and do not use ambiguous terminology like “medium duty” or “heavy duty” instead of these class ratings. The Australian Standard’s recommendation for typical use are given in the table below.

RATING	LOGO	TYPICAL USE	NOMAL WHEEL LOADING (kg)	SERVICABILITY DESIGN LOAD (kN)	ULTIMATE LIMIT STATE LOAD (kN)
CLASS A		AREAS (INCLUDING FOOTWAYS) ACCESSIBLE ONLY TO PEDESTRIANS AND PEDAL CYCLISTS, AND CLOSED TO OTHER TRAFFIC (EXTRA LIGHT DUTY).	330	6.7	10
CLASS B		AREAS (INCLUDING FOOTWAYS AND LIGHT TRACTOR PATHS) ACCESSIBLE TO VEHICLES (EXCLUDING COMMERCIAL VEHICLES) OR LIVESTOCK (LIGHT DUTY).	2 670	53	80
CLASS C		MALLS AND AREAS OPEN TO SLOW MOVING COMMERCIAL VEHICLES (MEDIUM DUTY).	5 000	100	150
CLASS D		CARRIAGEWAYS OF ROADS AND AREAS OPEN TO COMMERCIAL VEHICLED (HEAVY DUTY).	8 000	140	210
CLASS E		GENERAL DOCKS AND AIRCRAFT PAVEMENTS (EXTRA HEAVY DUTY - E).	13 700	267	400
CLASS F		DOCKS AND AIRCRAFT PAVEMENTS SUBJECT TO HIGH WHEEL LOADS (EXTRA HEAVY DUTY - F).	20 000	400	600
CLASS G		DOCKS AND AIRCRAFT PAVEMENTS SUBJECT TO VERY HIGH WHEEL LOADS (EXTRA HEAVY DUTY - G)	30 000	600	900

STANDARD R&S GRATING ACCESS COVER FEATURES



LIFTING POINTS

Access covers feature four lifting points, accessible with standard AS3996 lifting keys.

CONCRETE INFILL STYLE

R&S Grating access covers are all traditional concrete infill style for longevity & to prevent concrete cracking.

BOLT DOWN POINTS

All R&S Grating covers include at least two bolt down points as a dislodgement prevention measure.

T-SECTION OR CELLULAR FRAME

Class B access cover use a T-Section frame, while class C and higher use traditional cellular frames to ensure a strong hold in the ground.

SINGLE PART ACCESS COVERS

R&S Grating stock the following sizes of access covers. All measurements are in mm.

CLASS B - AS3996 (LIGHT DUTY)

Code	Internal Pit Size (mm)	Weight (kg) Unfilled
AC-C-L3030	300 x 300	28
AC-C-L4530	450 x 300	36
AC-C-L4545	450 x 450	42
AC-C-L6045	600 x 450	48
AC-C-L6060	600 x 600	62
AC-C-L7545	750 x 450	68
AC-C-L7560	750 x 600	82
AC-C-L7575	750 x 750	88
AC-C-L9045	900 x 450	75
AC-C-L9060	900 x 600	99
AC-C-L9075	900 x 750	112
AC-C-L9090	900 x 900	145
AC-C-L1045	1050 x 450	85
AC-C-L1060	1050 x 600	118
AC-C-L1075	1050 x 750	130
AC-C-L1245	1200 x 450	106
AC-C-L1260	1200 x 600	131

CLASS D - AS3996 (HEAVY DUTY)

Code	Internal Pit Size (mm)	Weight (kg) Unfilled
AC-C-H4545	450 x 450	101
AC-C-H6045	600 x 450	125
AC-C-H6060	600 x 600	118
AC-C-H7545	750 x 450	145
AC-C-H7560	750 x 600	168
AC-C-H7575	750 x 750	155
AC-C-H9045	900 x 450	157
AC-C-H9060	900 x 600	155
AC-C-H9075	900 x 750	210
AC-C-H9090	900 x 900	205
AC-C-H1045	1050 x 450	186
AC-C-H1060	1050 x 600	190
AC-C-H1075	1050 x 750	235
AC-C-H1245	1200 x 450	275
AC-C-H1260	1200 x 600	330
AC-C-H1212*	1200 x 1200	654

* This access cover has two inserts.

CLASS C - AS3996 (MEDIUM DUTY)

Code	Internal Pit Size (mm)	Weight (kg) Unfilled
AC-C-M3030	300 x 300	76
AC-C-M4545	450 x 450	101
AC-C-M6045	600 x 450	125
AC-C-M6060	600 x 600	97
AC-C-M7545	750 x 450	145
AC-C-M7560	750 x 600	168
AC-C-M7575	750 x 750	136
AC-C-M9045	900 x 450	157
AC-C-M9060	900 x 600	133
AC-C-M9075	900 x 750	210
AC-C-M9090	900 x 900	184
AC-C-M1045	1050 x 450	186
AC-C-M1060	1050 x 600	215
AC-C-M1075	1050 x 750	238

CLASS G - AS3996 (EXTRA HEAVY DUTY)

Code	Internal Pit Size (mm)	Weight (kg) Unfilled
AC-C-EH4545	450 x 450	158
AC-C-EH6060	600 x 600	204
AC-C-EH7560	750 x 600	242
AC-C-EH7575	750 x 750	285
AC-C-EH9060	900 x 600	280
AC-C-EH9090	900 x 900	360
AC-C-EH1075	1050 x 750	350